Form 3160-3 (September 2001)  UNITED STATES	OMBNo	APPROVEI 1. 1004-013 2001, 20	6		
DEPARTMENT OF THE IN BUREAU OF LAND MANAC	5. Lease Serial No.	J-66761	1		
APPLICATION FOR PERMIT TO DE	6. If Indian, Allotte	e or Tribe <b>N/A</b>	Name		
1a. Type of Work: DRILL REENTE	7. If Unit or CA Agr	eement, N N/A	ame and No.		
1b. Type of Well: 🔲 Oil Well 🗹 Gas Well 🚨 Other	Single Zone 🗹 Mul	tiple Zone	8. Lease Name and V Rainbow		13-13
Name of Operator     McElvain Oil & Gas Properties, Inc			9. API Well No. 43-047	1382	47
3a. Address 1050-17th Street, Ste. 1800 DEnver, CO 80265	3b. Phone No. (include area code) (303) 893-0933		I VO'ICI C EX	termine	d
4. Location of Well (Report location clearly and in accordance with a At surface 1832' FSL & 620' FWL (NWSW) Sec. 13  At proposed prod. zone same (vertical well) 655/60	72 76091	11. Sec., T., R., M., or Sec.13, T11		-	
<ol> <li>Distance in miles and direction from nearest town or post office*</li> <li>18 miles South of Bonanza, Utah</li> </ol>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		12. County or Parish Uintah Cour	nty	13. State Utah
15. Distance from proposed* location to nearest 620 ft property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in lease 2,494.86	17. Spacin	ng Unit dedicated to this 40 Acre		
18. Distance from proposed location* to nearest well, drilling, completed, Topo "C" 1 mi radius applied for, on this lease, ft.	19. Proposed Depth 6,550 ft		BLM/BIA Bond No. on file  LPM 4138223 (Nation-Wide Bond)		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,987.9' GL	22. Approximate date work will s October 2006	tart*	* 23. Estimated duration 30 Days Constuction & Drilling		
	24. Attachments				
<ol> <li>The following, completed in accordance with the requirements of Onshor</li> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	4. Bond to cover Item 20 above) 5. Operator certif	the operation ). Ication. e specific inf	s form:  ns unless covered by ar  ormation and/or plans a	J	`
25. Signature	Name (Printed/Typed) Barbara Ma			ne 2, 2006	
Engineer Approved by Stevanor	Name (Printed/Typed)			Date	15-00
Title	BRADLEY G.	ANAGER		,	
Application approval does not warrant or certify the the applicant holds le	egal or equitable title to those rights	in the subject	lease which would entit	e the appl.	icant to conduct

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Federal Approval of this Action is Necessary

\*(Instructions on reverse)

Conditions of approval, if any, are attached.

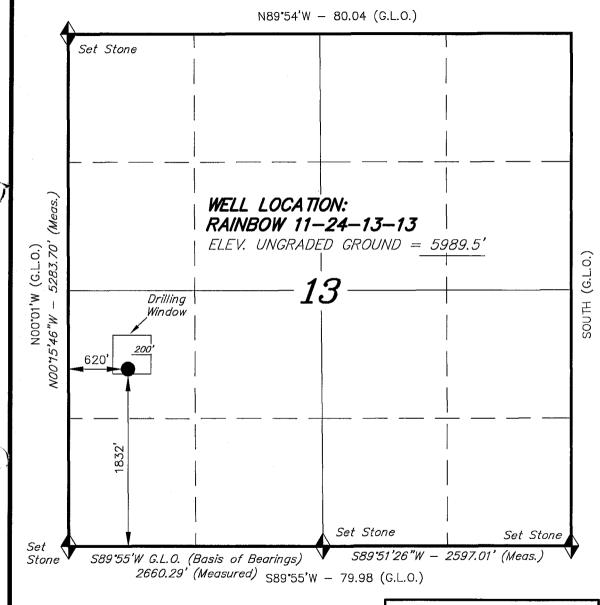
operations thereon.

RECEIVED

JUN 0 8 2006

DIV. OF OIL, GAS & MINING

# T11S, R24E, S.L.B.&M.



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (RAINBOW)

RAINBOW 11—24—13—13 (Surface Location) NAD 83 LATITUDE = 39°51'35.10" LONGITUDE = 109°11'12.19"

#### ENDURING RESOURCES

WELL LOCATION, RAINBOW 11-24-13-13, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 13, T11S, R24E, S.L.B.&M. UINTAH COUNTY, UTAH.

THIS IS TO CERTIFY THAT OFFE ABOVE PERT WAS PREPARED FROM FIELD NOTES OF ACTUM, SURVEYS MADE BY ME OR UNDER AND SORRECT TO THE BEST OF MY KNOWLEDGE AND FILEF. No. 189377

# TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078 (435) 781–2501

	<u>`</u> .	
DATE DRAWN: 1-02-06	SURVEYED BY: J.H.	SHEE
REVISED:	DRAWN BY: F.T.M.	2
NOTES:	SCALE: 1" = 1000'	OF 9

### McELVAIN OIL & GAS PROPERTIES, INC.

Rainbow 11-24-13-13
Surface Location: NWSW Sec. 13-T11S-R24E
BH Location: NWSW Sec. 13-T11S-R24E
Uintah County, Utah

Lease #: UTU-66761

#### **ONSHORE ORDER 1 - DRILLING PLAN**

#### 1. <u>Estimated Tops of Geological Markers:</u>

Ungraded Ground Level Elevation: 5,989.5' Graded Ground Level Elevation: 5,987.9' Estimated KB Elevation: (16') 6,004'

Formation	Drill Depth	Subsea Depth (KB)
Uinta	Surface	
Green River	314'	+ 5,690
Wasatch	2,591'	+ 3,413
Mesaverde	3,949'	+ 2,055
Buck Tongue	6,299'	- 295
TD	6,550'	- 546

#### 2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:

Formation	Drill Depth	Anticipated Fluids
Uinta	Surface	
Green River	314'	Gas, Water, Oil
Wasatch	2,591'	Gas, Water
Mesaverde	3,949'	Gas, Water, Oil
Buck Tongue	6,299'	Gas, Water, Oil
TD	6,550'	

An 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

### 3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE

- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: <u>Annular Preventer</u>

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

#### **Blow-Out Preventer**

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

#### E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

## 4. **Proposed Casing & Cementing Program:**

## A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set
					(MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2,000' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 6,550' (KB)

The surface casing will have a thread locked guide shoe, 1 joint, insert float collar. At a minimum, the surface casing will have the bottom 3 joints centralized, starting with the shoe joint. Depending on hole conditions, a maximum of 8 bowspring centralizers may be utilized.

All casing strings below the conductor will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing).

#### B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2000' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.5 (a)	2950/3.2(b)	244/5.8 (c)
6550' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.8 (d)	7780/2.2 (e)	223/3.4 (f)

Safety Factor (SF) estimated using the following criteria:

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on estimated BHP (0.52 psi/ft gradient) @ surface. No annular fluid
- (f.) based on casing string weight in 9.2 ppg mud

#### PROPOSED CEMENTING PROGRAM

#### Surface Casing (if well will circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft <sup>3</sup> /sx)
8-5/8"	Lead	1500	Premium cement + 16% gel + 0.25 pps celloflake	140	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaC <sub>2</sub> + 0.25 pps celloflake	150	25%	15.8	1.15

If a cement top job is required due to cement fallback greater than 10' below ground level, the top job cement will be a premium cement (weight 15.8 ppg, yield 1.15  $ft^3/sx$ ) w/3% CaCl<sub>2</sub> + 0.25 pps celloflake. The top job volume will cement to surface.

## Surface Casing (if well will not circulate) - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	sxs	EXCESS (%)	WEIGHT (ppg)	YIELD (ft³/sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl <sub>2</sub> + 0.25 pps celloflake	150	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl <sub>2</sub> + 0.25 pps celloflake	As Req.		15.8	1.15

## Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT.	CEMENT TYPE	SXS	EXCESS	WEIGHT	YIELD
		of FILL		(+/-)	(%)	(ppg)	(ft <sup>3</sup> /sx)
4-1/2"	Lead	400	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	50	25	11.0	3.3
4-1/2"	Tail	4450	50/50 POZ Class G + 2% gel +1% CaCl <sub>2</sub> + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	850	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

#### 5. <u>Drilling Fluids (mud) Program:</u>

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2000' (KB)		No cntrl		Air/mist
2000'-2200' (KB)	8.4-8.6	No cntrl	28-36	Water
2200'-6550' (KB)	8.8-10.2	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

#### 6. Evaluation Program:

Inclination Survey: Single shot drift surveys will be dropped or "teledrift" surveys

performed every 2000 feet of hole to monitor hole angle.

Tests:

No tests are currently planned.

Coring:

No cores are currently planned.

Samples:

No sampling is currently planned.

#### Logging

- Dual Induction SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:
   TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

#### 7. Abnormal Conditions:

No abnormal temperatures are anticipated. No H<sub>2</sub>S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Anticipated bottom hole pressure may be slightly above normal (estimated calculation at 0.52 psi/foot) and is estimated to be 3,400 psi and maximum anticipated surface pressure equals approximately 2,000 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole is estimated to be 0.22 psi/foot of hole).

#### 8. <u>Anticipated Starting Dates:</u>

• Anticipated Commencement Date- Within one year of APD issue.

Drilling Days Approximately 20 days

• Completion Days - Approximately 30 days

• Anticipate location construction within 30 days before rig move.

#### 9. <u>Variances:</u>

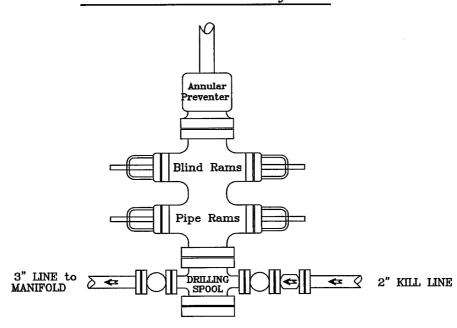
None anticipated

#### 10. Other:

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access road and pipeline route. The reports shall be submitted to the Vernal Field Office of the Bureau of Land Management upon their receipt.

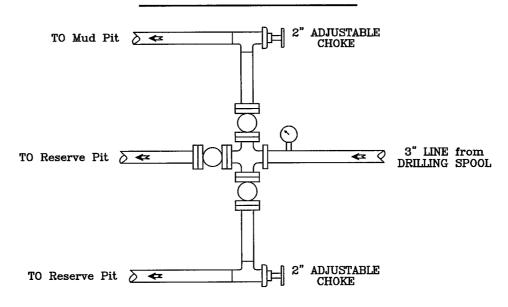
# PRESSURE CONTROL

# BOP Assembly



Preventer, Rams and Spool are to have a 9" Bore or larger and a 3000 PSI or higher Pressure Rating

# Choke Manifold



# McElvain Oil & Gas Properties, Inc.

#### MCELVAIN OIL & GAS PROPERTIES, INC.

Rainbow 11-24-13-13 NWSW Sec 13-T11S-R24E Uintah County, Utah

Lease #: UTU-66761

# ONSHORE OIL & GAS ORDER NO. 1 MULTI-POINT SURFACE USE & OPERATIONS PLAN

#### 1. Existing Roads:

Directions to the proposed location are as follows:

PROCEED EAST AND SOUTHEAST FROM VERNAL ON HIGHWAY 40 TO HIGHWAY 45 AT NAPLES, UTAH WHERE A SIGN INDICATES THE DIRECTION TO BONANZA POWER PLANT. RIGHT (SOUTH) ± 36 MILES ON HIGHWAY 45 TO BONANZA, UTAH. PROCEED SOUTH (PAST BONANZA AND WHITE RIVER) ON HIGHWAY 45 AN ADDITIONAL ± 5 MILES TO MILE MARKER "0". LEFT (SOUTHEAST) AT MILE MARKER "0" ON GRAVEL ROAD. BLM SIGN INDICATES THIS IS THE ACCESS ROAD LEADING TO "RAINBOW JUNCTION" AND "BAXTER PASS" (UINTAH COUNTY RD #4180) PROCEED SOUTH/SOUTHEAST ON GRAVEL ROAD APPROXIMATELY 3.7 MILES TO A "Y" IN THE ROAD AT CORRALS KNOWN AS THE "GREEK" CORRALS. RIGHT AT THE "Y" BY THE "CREEK" CORRALS. TOWARDS ATCHEE RIDGE & RAINBOW (UINTAH COUNTY RD #4190). PROCEED ± 8.5 MILES TO A JUNCTION. RIGHT AT THE JUNCTION TOWARDS ASPHALT WASH ON UINTAH COUNTY RD # 4250. PROCEED ± 0.1 MILES TO LOCATION ACCESS ROAD ON EAST SIDE OF COUNTY ROAD #4250. RIGHT (EAST) OFF COUNTY RD # 4250 ONTO LOCATION ACCESS ROAD. PROCEED ON ACCESS ROAD TO NORTHEAST ± 600 FT INTO LOCATION.

#### 2. Planned Access Roads:

The proposed 605 feet of new construction for the access road indicated on TOPO MAP "B" will all be new ON-LEASE construction in Sections 13 of T11S-R24E. Bladed, ditched and crowned County Class B roads will be utilized up to the start of the new construction and no upgrading will be required on these County roads.

Please refer to Topo Map "B" for the takeoff point from the existing County Class B road to the new ON-LEASE road construction point.

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as

necessary to provided a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

#### 3. <u>Location of Existing Wells within a One-Mile radius:</u>

The following wells are wells located within a one (1) mile radius of the proposed location.

a.	Water Wells:	NONE
b.	Injection Wells:	NONE
C.	Producing Wells:	NONE
d.	Drilling Wells:	NONE
e.	Shut-in Wells:	NONE
f.	Temporarily Abandoned Wells:	NONE
g.	Disposal Wells:	NONE
h.	Abandoned Wells:	NONE
i.	Dry Holes:	NONE
j.	Observation Wells:	NONE

#### 4. <u>Location of Existing and/or Proposed Facilities:</u>

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately 1585 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

#### a. ON-LEASE approximately 1585 feet.

The proposed gathering line will be placed above ground adjacent to the proposed access route. The line will be welded together and pulled from the beginning point to the tie-in point when practical; however, it may be necessary to utilize the access road for welding of the line. The line will then be boomed off to the side of the road. The gas meter run will be located ON-LEASE and within 500 feet of the wellhead. The meter run will be housed.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

## 5. <u>Location and Type of Water Supply:</u>

Water will be obtained from the White River by Tu and Frum, Inc. Water User Claim #49-2185, Application #T75517, or by Target Trucking Water User Claim #43-2195, or by Dalbo Inc. Water User Claim #43-8496

No water well is to be drilled on this lease.

#### 6 Source of Construction Materials:

All construction material for this location site and access road shall be borrowed material accumulated during construction of the location site and access road.

Additional road gravels or pit lining material will be obtained from private sources.

#### 7. <u>Methods of Handling Waste Materials:</u>

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit and will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will not be located where a flood hazard exits or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, brake or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash well be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

#### 8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 5.

#### 9. Well Site Layout: (Refer to Sheets #3, #4, and #5)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will stock-piled and reseeded at the time the location is constructed. Seeding will be of the type specified by the BLM in their "Conditions of Approval".

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

#### 10. Plans for Surface Reclamation:

**Producing Location:** 

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

#### **Dry Hole/Abandoned Location:**

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

#### 11. Surface Ownership: Location, Access and Pipeline Route:

Wellsite: Bureau of Land management

Access: Bureau of Land management

Pipeline: Bureau of Land management

#### 12. Other Information

## On-site Inspection for Location, Access and Pipeline Route:

The on-site was conducted February 16, 2006.

#### **Special Conditions of Approval:**

Wildlife stipulations and possible activity restrictions will be detailed in the "Conditions of Approval" received with an approved Permit to Drill. Operator will comply with these all conditions of approval.

#### Archeology:

a. A Cultural Resource Inventory Report is pending and to be prepared by Montgomery Archaeological Consultants.

#### Paleontology:

a. A Paleontology Reconnaissance Report is pending and to be prepared by Intermountain Paleo-Consulting.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

## 13. <u>Lessee's or Operator's Representative and Certification:</u>

#### Representatives:

Barbara Martin

Engineer

McElvain Oil & Gas Properties, Inc.

1050 – 17<sup>th</sup> Street, Suite 1800

Denver, Colorado 80265

Office Tel: 303-893-0933 xtn 345

Fax Tel: 303-893-0914 BarbaraM@mcelvain.com Ivan Sadlier

**Production Foreman** 

McElvain Oil & Gas Properties, Inc.

P.O. Box 985

Vernal, Utah 84078

Cell #1: 435-828-0284

Cell #2: 435-828-0282 sadlier@easilink.com

#### Certification:

Certification: All lease and/or unit operations will be conducted in a manner that is fully compliant with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

McElvain Oil & Gas Properties, Inc. is considered to be the operator of the subject well. McElvain Oil & Gas Properties, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

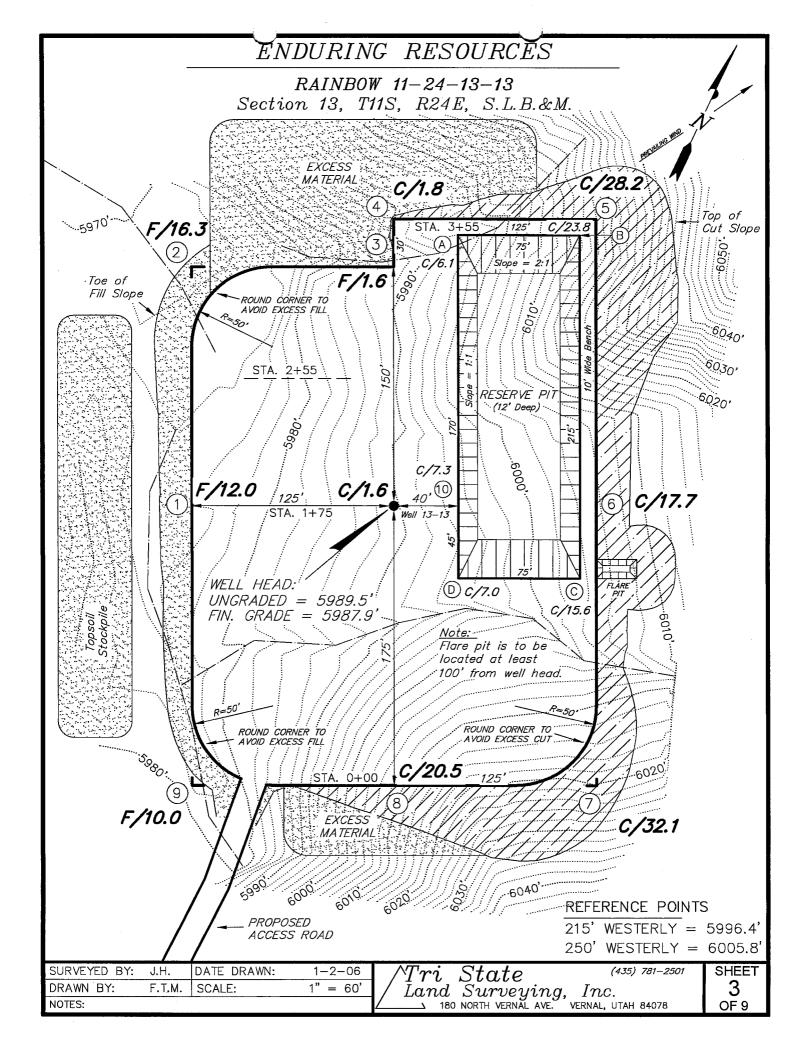
Bond coverage pursuant to 43 DFR 3104 for the lease activities is being provided by the McElvain Oil & Gas Properties, Inc. BLM Nationwide bond #LPM4138223.

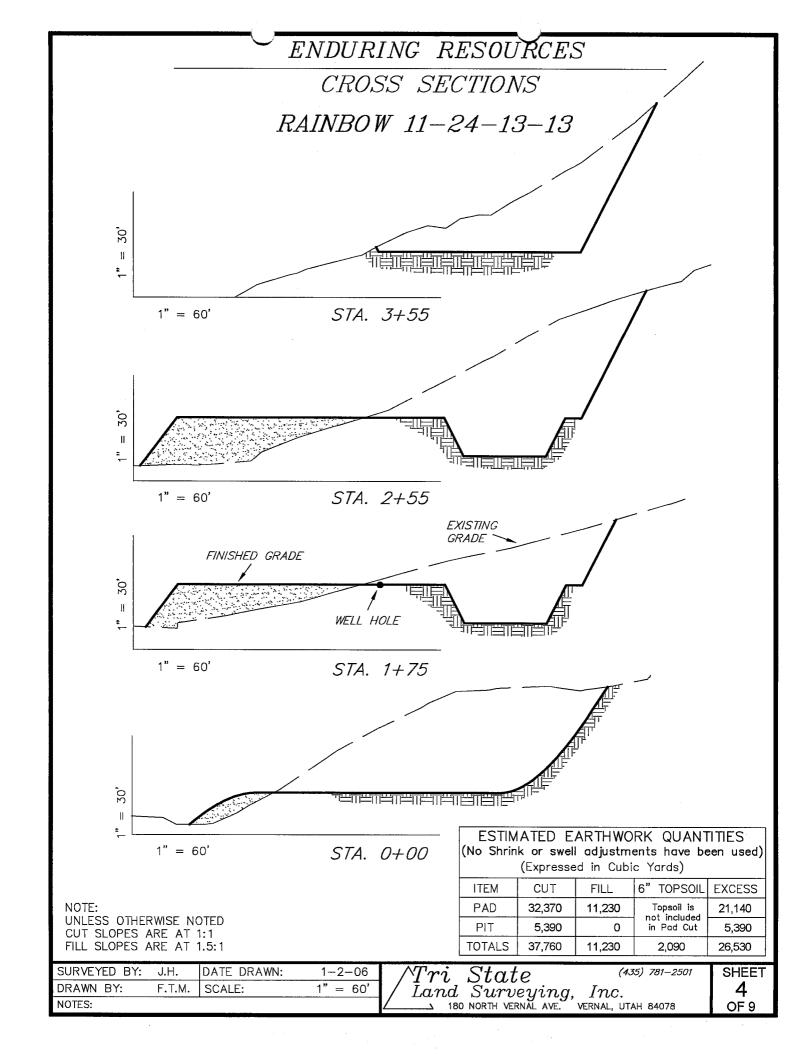
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions with currently exist; that the statement made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by McElvain Oil & Gas Properties, Inc., its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Barbara Martin

Engineer

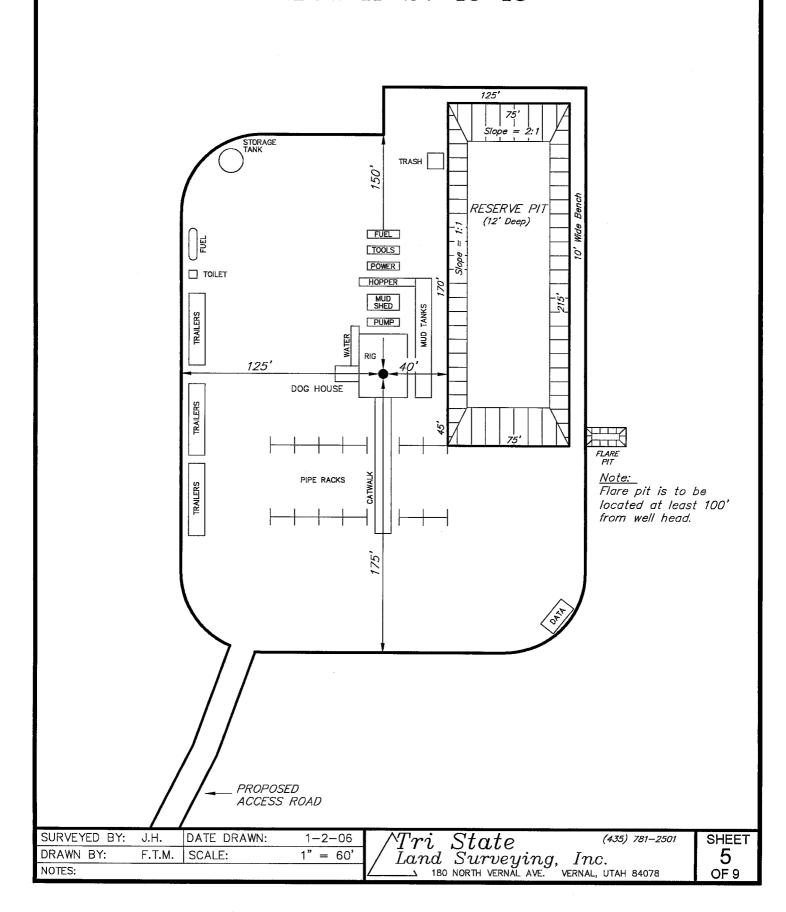
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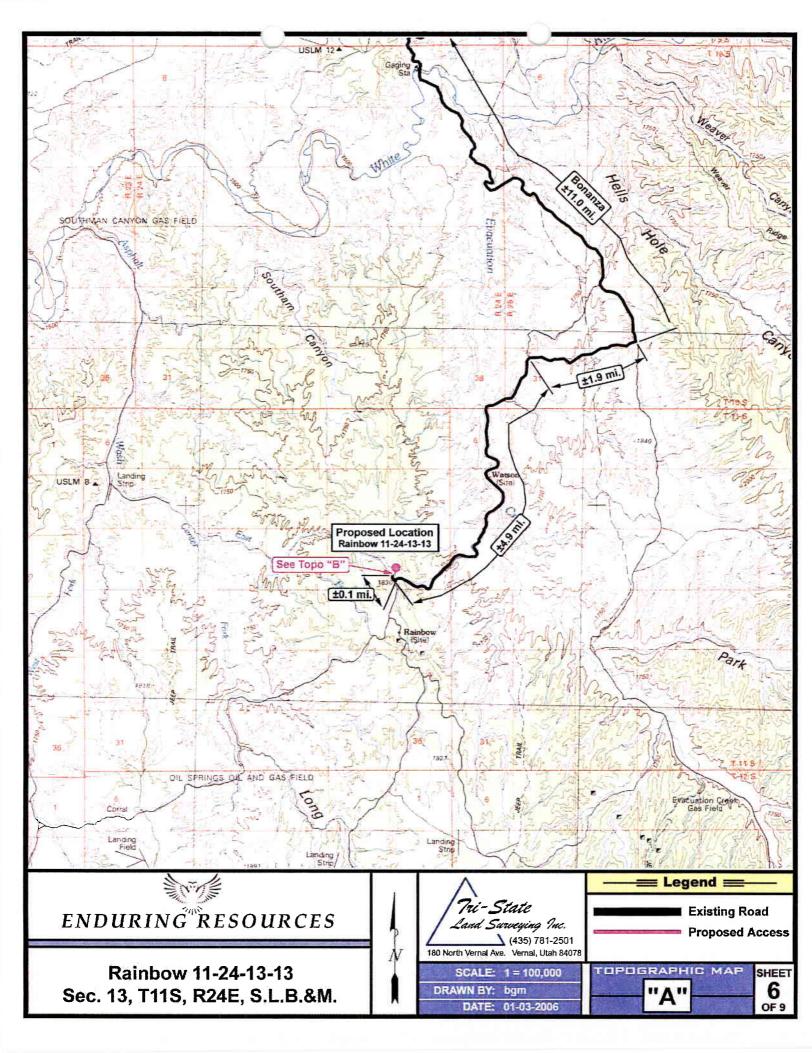


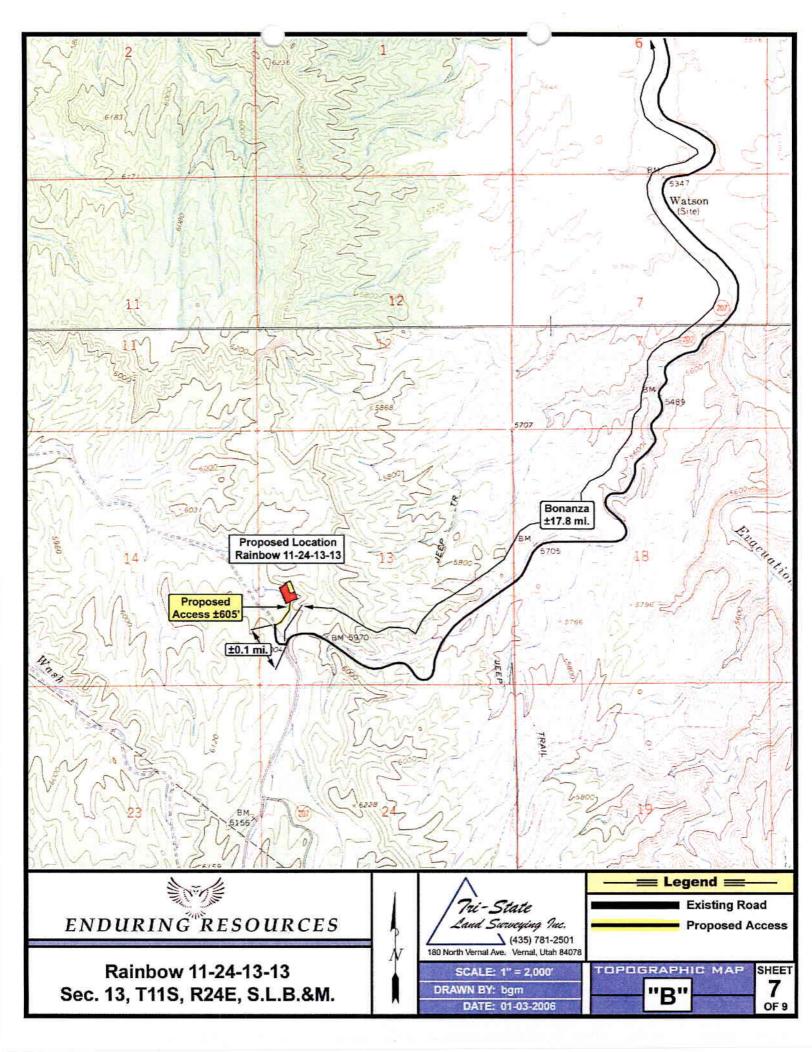


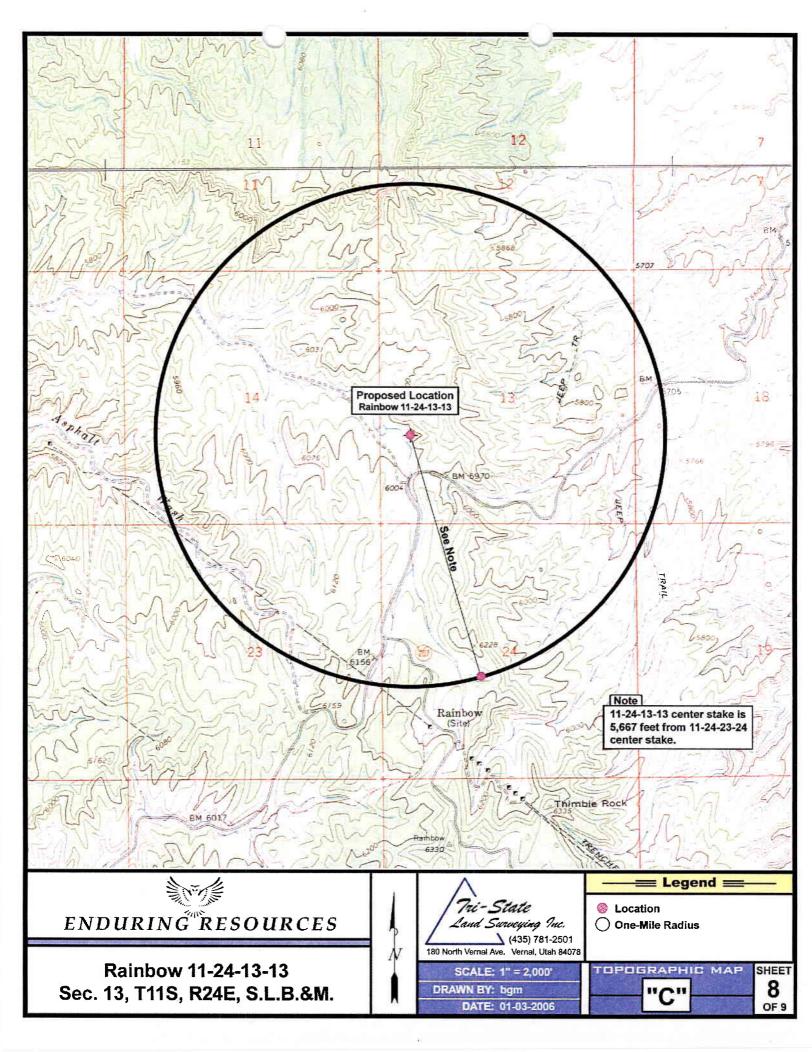
# ENDURING RESOURCES

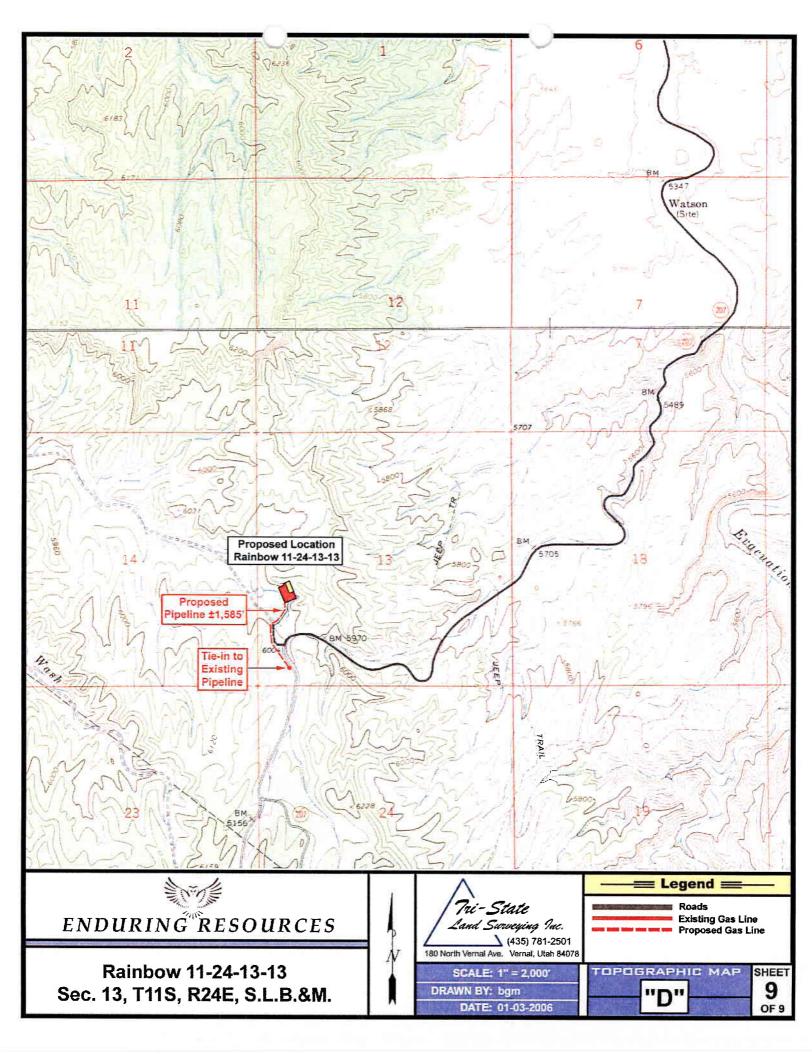
# TYPICAL RIG LAYOUT RAINBOW 11-24-13-13

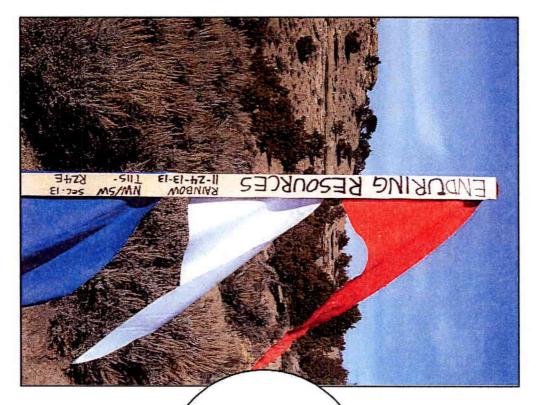












ENDURING RESOURCES
Rainbow 11-24-13-13

CENTER STAKE

Date Photographed: 12/30/2005 Date Drawn: 01/03/2006

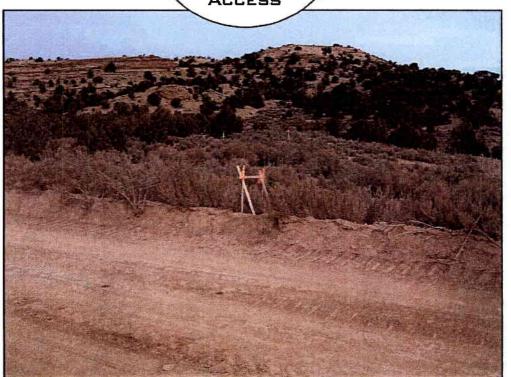
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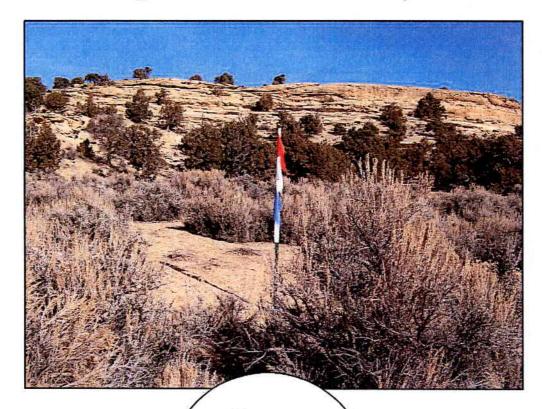
LOOKING SOUTH
ACCESS

7ri-State
Land Surveying Inc.

(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078





ENDURING RESOURCES

Rainbow 11-24-13-13

NORTH

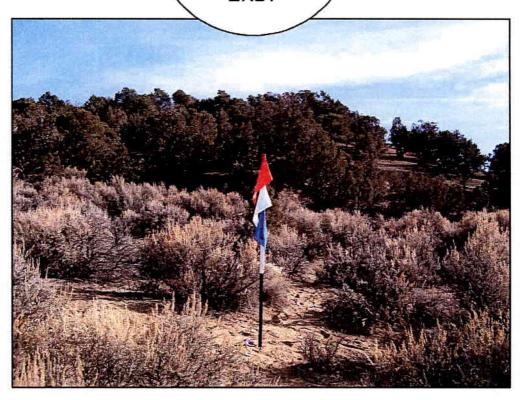
Date Photographed: 12/30/2005

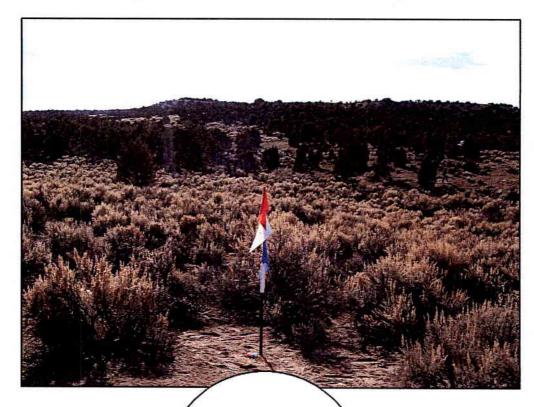
Date Drawn: 01/03/2006 Drawn By: bgm

Land Surveying Inc.

(435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078

EAST





ENDURING RESOURCES

Rainbow 11-24-13-13

SOUTH

Date Photographed: 12/30/2005

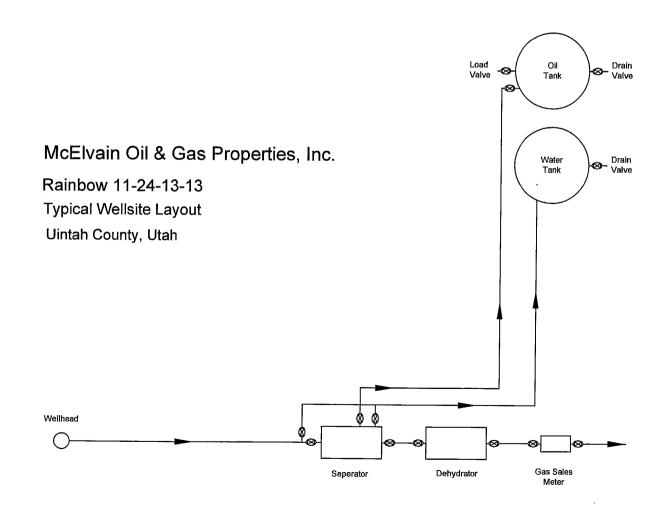
Date Drawn: 01/03/2006

Drawn By: bgm

Land Surveying Puc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

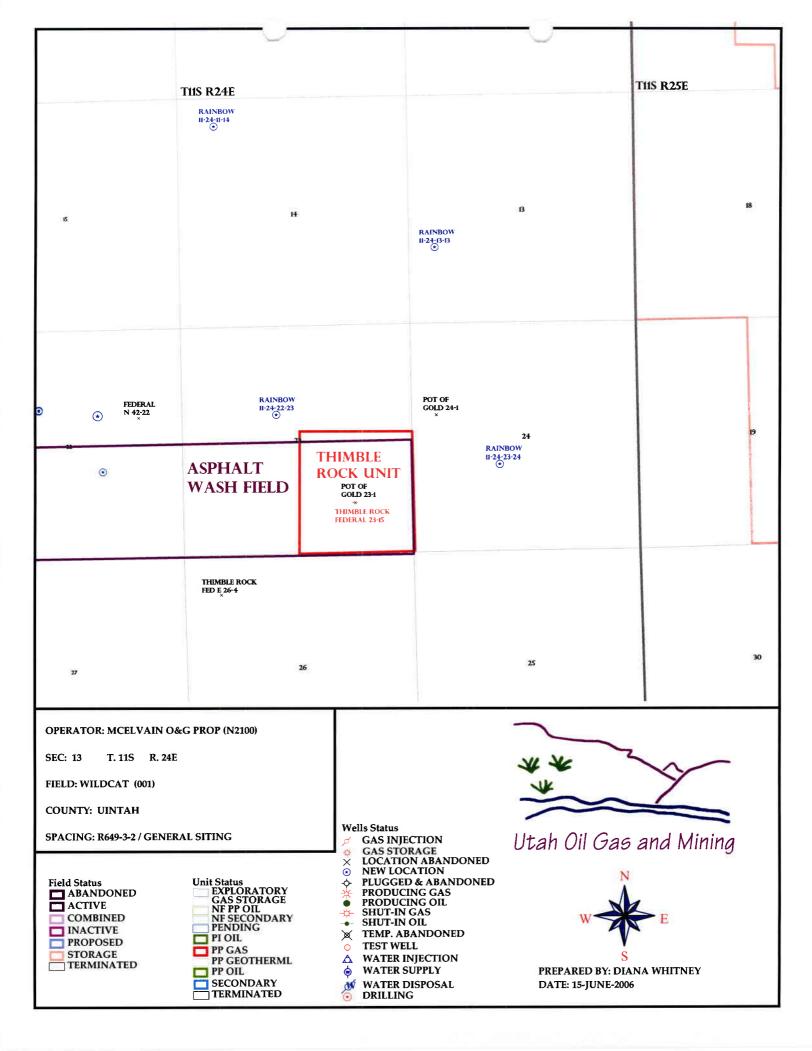
WEST





# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/08/2006	API NO. ASSIGNED: 43-047-38247			
WELL NAME: RAINBOW 11-24-13-13				
OPERATOR: MCELVAIN OIL & GAS ( N2100 )	PHONE NUMBER: 303-893-0933			
CONTACT: BARBARA MARTIN				
CONTACT:				
PROPOSED LOCATION:	INSPECT LOCATN BY: / /			
NWSW 13 110S 240E SURFACE: 1832 FSL 0620 FWL	Tech Review Initials Date			
BOTTOM: 1832 FSL 0620 FWL	Engineering			
COUNTY: UINTAH	Geology			
LATITUDE: 39.85967 LONGITUDE: -109.1861	Surface			
UTM SURF EASTINGS: 655160 NORTHINGS: 44135	54 /			
FIELD NAME: WILDCAT ( 1	)			
LEASE TYPE: 1 - Federal				
LEASE NUMBER: UTU-66761	PROPOSED FORMATION: MVRD			
SURFACE OWNER: 1 - Federal COALBED METHANE WELL? NO				
RECEIVED AND/OR REVIEWED:  Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. LPM 4138223 )  Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit (No. 43-8496 )  RDCC Review (Y/N) (Date:)  ALA Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit: R649-3-2. General			
STIPULATIONS: 1- Geden Opp.  2- Spacer Opp.	rwc			





#### State of Utah

#### Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

June 15, 2006

McElvain Oil & Gas Properties, Inc. 1050 17th St., Ste. 1800 Denver, CO 80265

Re:

Rainbow 11-24-13-13 Well, 1832' FSL, 620' FWL, NW SW, Sec. 13,

T. 11 South, R. 24 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38247.

Sincerely,

Gil Hunt

Associate Director

Sugar

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	McElvain Oil & Gas Properties, Inc.			
Well Name & Number	Rainbo	w 11-24-13-13		
API Number:	43-047-38247			
Lease:	UTU-66761			
Location: NW SW	Sec. 13	T. 11 South	<b>R.</b> 24 East	

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

# RECEIVED VERNAL FIELD OFFICE

2006 JUN -8 PM 4: 05

DEPT. OF THE INTERIOR BUREAU OF LAND MGMT.

Form 3160-3

#### FORM APPROVED OMB No. 1004-0136 (September 2001) Expires January 31, 2004 UNITED STATES 5. Lease Serial No DEPARTMENT OF THE INTERIOR UTU-66761 BUREAU OF LAND MANAGEMENT If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER N/A 7. If Unit or CA Agreement, Name and No la. Type of Work: DRILL ☐ REENTER N/A 8. Lease Name and Well No. Oil Well 🗹 Gas Well 🚨 Other Single Zone Multiple Zone 1b. Type of Well: Rainbow 11-24-13-13 9. APLWell No McElvain Oil & Gas Properties, Inc. 3b. Phone No. (include area code) 3a. Address 10. Field and Pool, or Exploratory 1050-17th Street, Ste. 1800 DEnver, CO 80265 (303) 893-0933 Undetermined 11. Sec., T., R., M., or Blk. and Survey or Area 4. Location of Well (Report location clearly and in accordance with any State requirements.\*\*) At surface 1832' FSL & 620' FWL (NWSW) Sec. 13, T11S-R24E S.L.B. & M Sec.13, T11S-R24E SLB&M At proposed prod. zone same (vertical well) 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office\* **Uintah County** Utah 18 miles South of Bonanza, Utah 15. Distance from proposed\* 17. Spacing Unit dedicated to this well 16. No. of Acres in lease location to nearest 620 ft property or lease line, ft 2,494.86 40 Acres (Also to nearest drig, unit line, if any) 18. Distance from proposed location\* to nearest well, drilling, completed, Topo "C" 1 mi radius 19. Proposed Depth 20. BLM/BIA Bond No. on file 6.550 ft LPM 4138223 (Nation-Wide Bond) applied for, on this lease, ft. 22. Approximate date work will start\* 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 23. Estimated duration October 2006 5,987.9' GL 30 Days Constuction & Drilling

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name (Printed/Typed) Barbara Martin	Date   June 2, 2006
Title Engineer		
Approved by (Signature)	Name (Printed/Typed)	Date
Long Hammaker Time	JERRY KENCZKA	3-2-2007
Title Lands & Mineral Resources	omoe VERNAL FIELD (	OFFICE

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



MAR n 9 2007



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: McElvain Oi & Gas Properties, Inc.

Location:

NWSW, Sec. 13, T11S, R24E

Well No:

Rainbow 11-24-13-13

Lease No:

UTU-66761

API No:

43-047-38247

Agreement:

N/A

Title Petroleum Engineer: Petroleum Engineer:	Name Matt Baker Michael Lee	Office Phone Number 435-781-4490 435-781-4432	Cell Phone Number 435-828-4470 435-828-7875
Petroleum Engineer:	James Ashley Ryan Angus	435-781-4470 435-781-4430	435-828-7874
Petroleum Engineer: Supervisory Petroleum Technician:	Jamie Sparger Paul Buhler	435-781-4502 435-781-4475	435-828-3913 435-828-4029
NRS/Enviro Scientist: NRS/Enviro Scientist:	Karl Wright Holly Villa	435-781-4484 435-781-4404	100 010 1010
NRS/Enviro Scientist: NRS/Enviro Scientist:	Melissa Hawk	435-781-4476 435-781-4441	435-828-7381
NRS/Enviro Scientist: NRS/Enviro Scientist:	Chuck MacDonald Scott Ackerman	435-781-4437 435-781-3400	
NRS/Enviro Scientist: NRS/Enviro Scientist:	Jannice Cutler Michael Cutler	435-781-3401	
NRS/Enviro Scientist: NRS/Enviro Scientist:	Anna Figueroa Verlyn Pindell	435-781-3407 435-781-3402	
NRS/Enviro Scientist: NRS/Enviro Scientist:	Darren Williams Nathan Packer	435-781-4447 435-781-3405 Fax: 435-781-4410	

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)		Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 7 Well: Rainbow 11-24-13-13 2/28/2007

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### **General Surface COAs**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
  work and contact the Authorized Officer (AO). A report will be prepared by a BLM permitted
  paleontologist and submitted to the AO at the completion of surface disturbing activities.

#### **Specific Surface COAs**

If paleontologic materials are uncovered during construction, the operator shall immediately stop
work that might further disturb such materials and contact the Authorized Officer (AO). A
determination will be made by the AO as to what mitigation will be necessary for the discovered
paleontologic material.

The interim seed mix for this location shall be:

Crested wheat grass Agropyron cristatum 4 lbs. /acre
Needle and Thread grass Stipa comata 4 lbs. /acre
Indian Rice grass Stipa hymenoides 4 lbs. /acre

All pounds are in pure live seed.

Reseeding may be required if first seeding is not successful.

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil
  respread where appropriate, and the entire location seeded with the recommended seed mix.
  Seeding should take place by broadcasting the seed and walking it into the soil with a dozer
  immediately after the dirt work is completed.
- The well will be spudded within five years of the existing or supplemented NEPA documentation.
- The requested color for all permanent structures is Olive Black.
- All pits will be lined with felt.
- The lessee/operator has been notified the area has critical soils. It is requested that the operator not initiate surface disturbing activities during wet or muddy periods.
- As discussed on the onsite conducted on February 16, 2006, since there is a large cut on corner 7
  of the location it was agreed that the entire SE corner would be rehabbed immediately after drilling
  and construction is complete.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the
  operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an
  Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and

Page 3 of 7 Well: Rainbow 11-24-13-13 2/28/2007

pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

- The best method to avoid entrainment is to pump from an off-channel location-one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
  - D not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;
  - o limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (see above);
  - o and limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
  - o Screen all pump intakes with 1/4" mesh material.
  - o Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:

Northeastern Region 152 East 100 North, Vernal, UT 84078 Phone: (435) 781-9453

Page 4 of 7 Well: Rainbow 11-24-13-13 2/28/2007

#### DOWNHOLE CONDITIONS OF APPROVAL

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A surface casing shoe integrity test shall be performed.
- Production casing cement top shall be at a minimum of 200' above the surface casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

Page 5 of 7 Well: Rainbow 11-24-13-13 2/28/2007

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a
  weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
  completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 6 of 7 Well: Rainbow 11-24-13-13 2/28/2007

#### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - o Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
  be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
  reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major
  Events" will be reported in writing within 15 days. "Minor Events" will be reported on the
  Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 7 of 7 Well: Rainbow 11-24-13-13 2/28/2007

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

	ROUTING								
	1. DJJ								
ĺ	2. CDW								

### X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change				Merger				
The operator of the well(s) listed below has changed, effective:				5/1/2007				
FROM: (Old Operator): N2100-McElvain Oil & Gas Properties, Inc. 1050 17th St, Suite 1800 Denver, CO 80202				TO: ( New Operator): N2750-Enduring Resources, LLC 475 17th Street, Suite 1500 Denver, CO 80202				
Phone: 1-(303) 893-0933				Phone: 1-(303)	) 350-5102			
CA No.				Unit:				
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL	WELL STATUS
RAINBOW 11-24-13-13	13	110S	240E	4304738247	NO	Federal	GW	APD
RAINBOW 11-24-22-23	23	110S	240E	4304738249		Federal	GW	APD
RAINBOW 11-24-23-24	24	110S	240E	4304738254		Federal	GW	APD
<ol> <li>Enter date after each listed item is completed</li> <li>(R649-8-10) Sundry or legal documentation w</li> <li>(R649-8-10) Sundry or legal documentation w</li> <li>The new company was checked on the Depart</li> <li>Is the new operator registered in the State of U</li> <li>(R649-9-2) Waste Management Plan has been re</li> <li>Inspections of LA PA state/fee well sites comp</li> <li>Reports current for Production/Disposition &amp; S</li> <li>Federal and Indian Lease Wells: The or operator change for all wells listed on Federal</li> </ol>	as rece ment tah: eccive elete of Sundri e BLM	eived f of Cor d on: n: es on: 1 and c	rom the mmerce YES or the E	NEW operator , Division of C Business Num IN PLACE n/a ok BIA has appro	r on: forporations ber: - -	5771233-01	7 on: 161	10/12/2006 e, _n/a
DATA ENTRY:  1. Changes entered in the Oil and Gas Database 2. Changes have been entered on the Monthly O 3. Bond information entered in RBDMS on: 4. Fee/State wells attached to bond in RBDMS of 5. Injection Projects to new operator in RBDMS 6. Receipt of Acceptance of Drilling Procedures	perate n: on:		,	5/31/2007 read Sheet on: n/a n/a n/a	5/21/2007	5/31/200	7_	
FEDERAL WELL(S) BOND VERIFIC  1. Federal well(s) covered by Bond Number:	ATIO	ON:		UTB000173	_			
COMMENTS:								
				ζ.				

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:	_

	UTU-66761
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: Rainbow 11-24-13-13
2. NAME OF OPERATOR:	9. API NUMBER:
Enduring Resources, LLC NA750	4304738247
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 350-5114	10. FIELD AND POOL, OR WILDCAT: undesignated
4. LOCATION OF WELL	Lintah
FOOTAGES AT SURFACE: 1,832' FSL - 620' FWL	соunтy: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 13 11S 24E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
✓ NOTICE OF INTENT □ ACIDIZE □ DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)  ALTER CASING  FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
5/1/2007 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	es, etc.
Effective May 1, 2007	
Change of Operator from: McElvain Oil & Gas Properties, Inc.	
2. Change of Operator to: Enduring Resources, LLC: BLM Statewide Oil & Gas Lease Bond no. UTB0001 State of Utah, Division of Oil, Gas & Mining Surety E	
MCELVAIN OIL & GAS PROPERTIES, INC. N. 2100	
	200
	-2007
BY: James G. Hohenstein,	
Vice President - Land	
NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regul	latory Specialist
SIGNATURE	
(This space for State use only)	DECEN/ED

APPROVED 5/3/107

Coulene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician Reverse Side)

MAY 2 1 2007

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

### Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name: Rainbow 11-24-13-13							
API number:	4204738247						
Location:	Qtr-Qtr: NWSW Section: 13 Township: 11S Range: 24E						
Company that filed original application:	McElvain Oil & Gas Properties, Inc.						
Date original permit was issued:	06/15/2006						
Company that permit was issued to:	McElvain Oil & Gas Properties, Inc.						

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
1	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.		
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		✓
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<b>✓</b>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		1
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. RLB0008031	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Alvin R. (Al) Arlian	Title Landman - Regulatory Specialist
Signature	Date 05/16/2007
Representing (company name) Enduring Resources, LLC	

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operation of permit to Drill.

MAY 2 1 2007

(3/2004)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES	FORM 9		
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66761		
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME:		
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: Rainbow 11-24-13-13		
2. NAME OF OPERATOR:	9. API NUMBER:		
Enduring Resources, LLC  3. ADDRESS OF OPERATOR: PHONE NUMBER:	4304738247  10. FIELD AND POOL, OR WILDCAT:		
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 (303) 350-5719	Undesignated		
4. LOCATION OF WELL  FOOTAGES AT SURFACE: 1832' FSL - 620' FWL	COUNTY: Uintah		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 13 11S 24E S	STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA		
TYPE OF SUBMISSION TYPE OF ACTION			
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION		
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON		
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR		
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE		
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL		
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF		
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ other: Request for APD		
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	Extension		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	es, etc.		
Enduring Resources, LLC respectfully request an extension to the expiration date of this	Application for Permit to Drill		
FROM: 6-15-2007 TO: 6-15-2008 Approved by the Utah Division of			
Oil, Gas and Mining	RECEIVED		
Date: 4/0-14-07	JUN 1 5 2007		
By: Rid all	DIV. OF OIL, GAS & MINING		
	OPY SEM TO OPERATO		
	km'		

(This space for State use only)

NAME (PLEASE PRINT) Evette Bissett

Regulatory Affairs Assistant

6/12/2007

# Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API:

4304738247

Well Name: Rainbow 11-24-13-13  Location: 1832' FSL - 620' FWL, NWSW, Sec 13, T11S-R24E  Company Permit Issued to: McElvain Oil and Gas Properties, Inc.  Date Original Permit Issued: 6/15/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No ☐
Lutto Bissett 6/12/2007
Signature Date
Title: Regulatory Affairs Assistant
Representing: Enduring Resources, LLC

Form 3160-5 (April 2004)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

UTU-66	<b>161</b>	r	rn.	<b>^</b> -	_	
If Indian	Δlloffe	5,	-10	16 K)	me PM	1.5

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use t abandoned w	his form for proposals vell. Use Form 3160 - 3	to drill or to re-enter an (APD) for such proposals.	6. If Indian, Allottee or Price Name 13 1:55
SUBMIT IN TR	RIPLICATE- Other ins	tructions on reverse side.	7. If Unit of CA/Agreement Name and/or No.
1. Type of Well Oil Well	✓ Gas Well Other		8. Well Name and No.
2. Name of Operator Enduring R	esources, LLC	Rainbow 11-24-13-13  9. API Well No.	
3a. Address		4304738247	
475-17th Street, Suite 1500, D  4. Location of Well (Footage, Sec.,		10. Field and Pool, or Exploratory Area Wildcat	
	NWSW Sec 13, T11S-I		11. County or Parish, State
	•		Uintah, Utah
12. CHECK A	PPROPRIATE BOX(ES) TO	O INDICATE NATURE OF NOTICE	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	J
✓ Notice of Intent  ☐ Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Production Fracture Treat Reclamatic New Construction Recomplet	
	Change Plans		ty Abandon
Final Abandonment Notice	Convert to Injection	Plug Back Water Disp	posal
APD granted 3-2-2007.  Request for one-year API  1. from: 3-2-2008	y for final inspection.)  Description of Expiration Date	·	RECEIVED
2. to: 3-2-2009			MAR 2 4 2003
		DIV. C	OF OIL, GAS & MINING
14. I hereby certify that the fore Name (Printed/Typed)	going is true and correct	ı	
Alvin R. (Al) Arl	lian	Title Landman - Regul	atory Specialist
Signature	100	Date	02/22/2008
	THIS SPACE FOR	FEDERAL OR STATE OFFI	CE USE
Approved by		<ul><li>Petroleum E</li></ul>	ngineer MAR 3 2008
Conditions of approval, if any certify that the applicant holds legal which would entitle the applicant to	or equitable title to those rights	does not warrant or	
Fitle 18 U.S.C. Section 1001 and Title	ent statements or representations	a crime for any person knowingly and will	fully to make to any department or agency of the United



(Instructions on page 2)

## **CONDITIONS OF APPROVAL**

### **Enduring Resources, LLC**

### **Notice of Intent APD Extension**

Lease:

UTU-66761

Well:

Rainbow 11-24-13-13

Location:

NWSW Sec 13-T11S-R24E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 3/2/09.
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Ryan Angus of this office at (435) 781-4430.

Form 3160-5 (April 2004)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

abandoned well. Use Form 3160 - 3 (APD) for such proposals.  SUBMIT IN TRIPLICATE- Other instructions on reverse side.  1. Type of Well	UTU-66761 6. If Indian, Allottee or Tribe Name 7. If Unit or CA/Agreement, Name and/or No. 8. Well Name and No. Rainbow 11-24-13-13 9. API Well No. 4304738247
1. Type of Well Oil Well Gas Well Other  2. Name of Operator Enduring Resources, LLC  3a. Address 475-17th Street, Suite 1500, Denver, CO 80202  3b. Phone No. (include area code) 303-350-5114	8. Well Name and No. Rainbow 11-24-13-13  9. API Well No. 4304738247
2. Name of Operator Enduring Resources, LLC  3a. Address 475-17th Street, Suite 1500, Denver, CO 80202  Other  1 Other  2 Division of Operator Enduring Resources, LLC  3b. Phone No. (include area code) 303-350-5114	Rainbow 11-24-13-13  9. API Well No. 4304738247
3a. Address       3b. Phone No. (include area code)         475-17th Street, Suite 1500, Denver, CO 80202       303-350-5114	9. API Well No. 4304738247
3a. Address       3b. Phone No. (include area code)         475-17th Street, Suite 1500, Denver, CO 80202       303-350-5114	4304738247
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	10. Field and Pool, or Exploratory Area
	Wildcat
1,832' FSL - 620' FWL NWSW Sec 13, T11S-R24E	11. County or Parish, State  Uintah, Utah
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REI	PORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
✓ Notice of Intent       ☐ Acidize       ☐ Deepen       ☐ Production (Started Fracture Treat)         ☐ Subsequent Report       ☐ Casing Repair       ☐ New Construction       ☐ Recomplete         ☐ Change Plans       ☐ Plug and Abandon       ☐ Temporarily Abarted Fracture Treat         ☐ Change Plans       ☐ Plug and Abandon       ☐ Temporarily Abarted Fracture Treat         ☐ Convert to Injection       ☐ Plug Back       ☐ Water Disposal	Well Integrity  ✓ Other Change of Operator
testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamate determined that the site is ready for final inspection.)  Effective May 1, 2007  1. Change of Operator from: McElvain Oil & Gas Properties, Inc.  2. Change of Operator to: Enduring Resources, LLC: BLM Statewide Oil & Gas Lease Bond no. UTB000173 State of Utah, Division of Oil, Gas & Mining Surety Bond No.  MCELVAIN OIL & GAS PROPERTIES, INC.  BY: James 6. Hohenstein, Vice President - Land	2007 MAY 21 PM 3: DEPT OF THE INTER BUREAU OF LAND M
14. I hereby certify that the foregoing is true and correct	<b>3 3 5 5</b>
Name (Printed/Typed)  Alvin R. (Al) Arlian  Title Landman - Regulatory S	Specialist
Signature Date 05/	16/2007
THIS SPACE FOR FEDERAL OR STATE OFFICE L	ISE
Conditions of approval, if any, are attached. Approval of this notice does not warrant or	Gine MAY 0 2 2008  FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to states any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



### **SELF-CERTIFICATION STATEMENT**

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Enduring Resources, LLC is considered to be the operator of the following well.

Rainbow 11-24-13-13

NWSW Sec. 13-11S-24E

1,832' FSL - 620' FWL

Lease Serial No.: UTU-66761

Uintah County, Utah

Enduring Resources, LLC is responsible under the terms and conditions of the lease for the operations conducted upon leased lands. Bond coverage is provided by UTB000173.

Alvin R. Arlian

Date

5/14/2007

Landman – Regulatory Specialist Enduring Resources, LLC 475 17th Street, Suite 1500

Denver, CO 80202 (303) 350-5114



## United States Department of the Interior

#### BUREAU OF LAND MANAGEMENT

Vernal Field Office 170 South 500 East Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410 http://www.blm.gov/ut/st/en/fo/vernal/html



IN REPLY REFER TO: 3160 UT08300

May 2, 2008

Alvin R. (Al) Arlian Enduring Resources, LLC 475 17<sup>th</sup> Street, Suite 1500 Denver, CO 80202

Re:

Well No. Rainbow 11-24-13-13

NWSW, Sec. 13, T11S, R24E

Uintah County, Utah Lease No. UTU-66761

### Dear Mr. Arlian:

This correspondence is in regard to the self-certification statement submitted requesting a change of operator for the referenced well. After a review by this office, the change of operator request is approved. Effective immediately, Enduring Resources, LLC is responsible for all operations performed on the above referenced well. All liability will now fall under your bond, BLM Bond No. UTB000173, for all operations conducted on the referenced well on the leased land.

If you have any other questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

Matt Baker

Petroleum Engineer

Enclosure

CC:

**UDOGM** 

Rosewood Resources Inc



## State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 15, 2010

Al Arlian Enduring Resources, LLC 475 17<sup>TH</sup> Street Ste 1500 Denver, CO 80202

Re: <u>APD Rescinded - Rainbow 11-24-13-13, Sec. 13 T.11S, R. 24E</u>

Uintah County, Utah API No. 43-047-38247

Dear Mr. Arlian:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on June 15, 2006. On June 18, 2007, June 18, 2008 and June 23, 2009 the Division granted a one-year APD extension. On June 11, 2010, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective June 11, 2010

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Masor

**Environmental Scientist** 

cc: Well File

Bureau of Land Management, Vernal



STATE OF UTAH	FORM 9					
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-66761					
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a					
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME:  n/a					
1. TYPE OF WELL OIL WELL GAS WELL 🗸 OTHER	8. WELL NAME and NUMBER:					
2. NAME OF OPERATOR:	9. API NUMBER:					
Enduring Resources, LLC 3. ADDRESS OF OPERATOR: PHONE NUMBER:	4304738247  10. FIELD AND POOL, OR WILDCAT:					
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 (303) 350-5719	Undesignated					
4. LOCATION OF WELL	соилту: <b>Uintah</b>					
FOOTAGES AT SURFACE: 1832' FSL - 620' FWL	COUNTY: Officall					
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 13 11S 24E S	STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA					
TYPE OF SUBMISSION TYPE OF ACTION						
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION					
(Submit in Duplicate)  ALTER CASING  FRACTURE TREAT	SIDETRACK TO REPAIR WELL					
Approximate date work will start: CASING REPAIR LINEW CONSTRUCTION	TEMPORARILY ABANDON					
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR					
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE					
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL					
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF					
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: Request for APD					
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	Extension					
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volu						
Enduring Resources, LLC respectfully request an extension to the expiration date of the	is Application for Permit to Drill					
FROM: 6/18/2008 TO: 6/18/2009  Approved by the Utah Division of Oil, Gas and Mining						
Date: U19:2008 Initials: VS						
NAME (PLEASE PRINT) Alvin R. (AI) Arlian TITLE Landman						

(This space for State use only)

RECEIVED
JUN 18 2008

6/1/2008



# Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738247  Well Name: Rainbow 11-24-13-13  Location: 1832' FSL - 620' FWL, NWSW, Sec 13, T11S-R24E  Company Permit Issued to: McElvain Oil and Gas Properties, Inc.  Date Original Permit Issued: 6/15/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes☑No□
6/1/2008
Signature Date
Title: Landman
Representing: Enduring Resources, LLC
RECEIVED
JUN 1 8 2008

	STATE OF UTAH	DOEC			FORM 9		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING					<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66761		
SUNDRY NOTICES AND REPORTS ON WELLS					6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.					7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well					8. WELL NAME and NUMBER: RAINBOW 11-24-13-13		
2. NAME OF OPERATOR: Enduring Resources, LLC					9. API NUMBER: 43047382470000		
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500,	<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202  303 350-5114 Ext						
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1832 FSL 0620 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:			UINTA	COUNTY: UINTAH			
	3 Township: 11.0S Range: 24.0E Meridia	an: S		STATE: UTAH			
CHE	CK APPROPRIATE BOXES TO INDIC	CATE NA	ATURE OF NOTICE, REPOR	T, OR OT	HER DATA		
TYPE OF SUBMISSION			TYPE OF ACTION				
	☐ ACIDIZE		ALTER CASING		CASING REPAIR		
NOTICE OF INTENT Approximate date work will start: 6/18/2009	CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME		
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATION	s ∟	CONVERT WELL TYPE  NEW CONSTRUCTION		
SUBSEQUENT REPORT Date of Work Completion:	OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK		
_	PRODUCTION START OR RESUME	☐ F	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON		
	☐ TUBING REPAIR	□ <b>v</b>	/ENT OR FLARE		WATER DISPOSAL		
☐ DRILLING REPORT	☐ WATER SHUTOFF	□ s	SI TA STATUS EXTENSION	1	APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION		OTHER	отн	IER:		
l .	OMPLETED OPERATIONS. Clearly show all p			, volumes,	etc.		
Kec	quest extension of APD expir	ration	date.	-	Approved by the		
				I	Utah Division of		
				Oi	l, Gas and Mining		
				Date:	June 23, 2009		
				1	00 col 00		
				By: <u> </u>	red to the total of the total o		
NAME (PLEASE PRINT) Alvin Arlian	<b>PHONE NUMB</b> 303 350-5114	ER	<b>TITLE</b> Landman-Regulatory				
SIGNATURE N/A			<b>DATE</b> 6/18/2009				



### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

### Request for Permit Extension Validation Well Number 43047382470000

**API:** 43047382470000

Well Name: RAINBOW 11-24-13-13

Location: 1832 FSL 0620 FWL QTR NWSW SEC 13 TWNP 110S RNG 240E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 6/15/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

in a revision renewing is a encertise of some items related to the application, which should be verifical
<ul> <li>If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No</li> </ul>
• Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes No
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes No</li> </ul>
• Has the approved source of water for drilling changed?   Yes  No
• Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes No
• Is bonding still in place, which covers this proposed well?   • Yes   • No Utah Division of Oil, Gas and Mining

**Signature:** Alvin Arlian **Date:** 6/18/2009

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC Date: June 23, 2009

By: